

## Statistics on Telecom Services for 2009 (Jul - Dec)

CATEG ORY	JUL	AUG	SEP	OCT	NOV	DEC
<b>Fixed Lines<sup>1</sup></b> <i>[Figures updated on a quarterly basis]</i>						
Total Fixed Line Subscriptions	-	-	1,886,900	-	-	1,896,100
Total Residential Line Subscriptions	-	-	1,117,000	-	-	1,128,300
Total Corporate Line Subscriptions	-	-	769,900	-	-	767,800
Fixed Line Population Penetration Rate <sup>^</sup>	-	-	37.8%	-	-	38.0%
Fixed Line Household Penetration Rate	-	-	96.0%	-	-	97.0%
<b>Mobile Market</b>						
Total Mobile Subscriptions (2G+3G) <sup>2</sup>	6,581,100	6,639,300	6,706,300	6,745,800	6,810,900	6,857,200
Total Post-paid	570,800	545,200	523,200	500,900	480,600	456,200

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Subscri ptions (2G)						
Total Pre-paid Subscri ptions (2G)	3,215,100	3,235,20 0	3,255,40 0	3,255,30 0	3,261,90 0	3,240,70 0
Total Post- paid Subscri ptions (3G) <sup>3</sup>	2,795,20 0	2,858,90 0	2,927,70 0	2,989,50 0	3,068,40 0	2,989,40 0
Total Pre-paid Subscri ptions (3G) <sup>3</sup>						170,900
Total SMS Messag es (2G+3G) <i>[Figures updated on a quarterl y basis]</i>	-	-	2,025.4 m	-	-	2,060.1m
Total Ported Subscri ptions <sup>4</sup>	8,300	8,000	9,100	10,200	8,400	12,500
Mobile Populati on Penetra tion Rate <sup>^</sup>	131.9%	133.1%	134.5%	135.3%	136.6%	137.5%
<b>Dial-Up Internet Subscriptions</b>						
Total Internet Dial-up	86,300	84,800	84,200	82,500	81,100	79,900
Internet Dial-up Populati	1.7%	1.7%	1.7%	1.7%	1.6%	1.6%

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on Penetra tion Rate <sup>^</sup>						
<b>Broadband Internet Subscriptions</b>						
Total Broadband <sup>5</sup>	5,267,000	5,369,700	5,464,100	5,563,000	5,678,100	5,819,000
Total Residential Broadband	1,409,500	1,444,000	1,487,300	1,536,800	1,592,600	1,654,800
Total Corporate Broadband	131,100	133,400	136,700	138,700	147,600	150,000
Total xDSL <sup>6</sup>	511,100	512,700	513,000	513,700	514,000	518,300
Total Cable Modem <sup>7</sup>	546,800	552,400	548,100	553,000	560,800	577,300
Total Wireless Broadband <sup>8</sup>	4,203,800	4,299,300	4,397,500	4,490,200	4,597,600	4,717,400
Total Subscribers using other Broadband Internet Access Platforms	5,300	5,300	5,400	6,100	5,700	5,800
Household Broadband Penetration Rate <sup>9</sup>	121.1%	124.1%	127.8%	132.1%	136.9%	142.2%
<b>International Telephone Services</b>						

CATEG ORY	JUL	AUG	SEP	OCT	NOV	DEC
Total number of outgoing retail international telephone call minutes	537.55m	589.20m	562.33m	596.06m	590.05m	582.25m
Total number of outgoing retail international telephone call minutes including transit <sup>10</sup>	811.35m	888.97m	918.77m	960.39m	957.84m	939.50m

^Population Penetration rate figures from Jun 2009 onwards have been re-computed based on the estimated mid-year population figures for 2009 released by the Department of Statistics in Sep 2009. Population Penetration Rate = [Total number of subscriptions/Total Population].

"Household Penetration Rate" is computed by dividing the total residential subscriptions by "Total Households". "Total Households" refers to the total number of residential dwelling units in Singapore. "Household Penetration" rates for Jun 2007-May 2008 and from Jun 2008 onwards have been re-computed based on the estimated mid-year dwelling units figures obtained from the Department of Statistics in Oct 2008 for 2007 and 2008 respectively.

All figures for subscriptions are rounded to the nearest hundred.

All figures for penetration rates are rounded to the nearest decimal point.

<sup>1</sup> "Fixed Lines" includes Direct Exchange Lines ("**DEL**") and IP Telephony subscriptions using Level '6' numbers.

<sup>2</sup> "Total Mobile Subscriptions" includes 2G, 3G subscriptions (including both pre-paid and post-paid subscriptions).

<sup>3</sup> "Total 3G Subscriptions" figures prior to December 2009 included both prepaid and postpaid 3G subscriptions. From December 2009 onwards, a breakdown of prepaid and postpaid 3G subscriptions was published.

<sup>4</sup> "Total Ported Subscriptions" refers to the number of subscribers who

retained their mobile numbers when they switched to a new mobile operator.

<sup>5</sup> "Total Broadband Subscriptions" (i.e., for connection speeds equal to, or greater than, 256 kbit/s, in one or both directions) includes retail xDSL, cable modem, leased line Internet, 3G, 3.5G/HSDPA, 4G/LTE, WiMAX or its equivalent and Wi-Fi hotspots access (including Wireless@SG subscriptions).

<sup>6</sup> "Total xDSL" includes residential and corporate xDSL subscriptions.

<sup>7</sup> "Total Cable Modem" includes residential and corporate cable modem subscriptions.

<sup>8</sup> "Total Wireless Broadband Subscriptions" includes all retail broadband Internet access subscriptions (i.e., for connection speeds equal to, or greater than, 256 kbit/s, in one or both directions) provided via wireless platforms such as 3G, 3.5G/HSDPA, 4G/LTE, WiMAX or its equivalent and Wi-Fi hotspots (including Wireless@SG subscriptions).

<sup>9</sup> From Apr 2007, the "Household Broadband Penetration Rate" includes wireless access plans (provided via 3.5G/HSDPA and WiMAX or its equivalent). It excludes subscriptions to 3G and Wi-Fi hotspots. This figure is computed using the total number of residential broadband subscriptions on a per household basis. Please note that this is not reflective of the proportion of households with broadband in Singapore. For a more reflective number, please refer to [IDA's Household Survey findings](#).

<sup>10</sup> This figure includes total retail outgoing international call minutes as well as transit minutes and includes all Service-Based Operators (**SBO**).

These telecom statistics are subject to revision from time to time to ensure accuracy.